

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 July 2003 (17.07.2003)

PCT

(10) International Publication Number
WO 2003/058587 A3

(51) International Patent Classification⁷: G03C 7/18, 5/40

(21) International Application Number:
PCT/IL2003/000020

(22) International Filing Date: 7 January 2003 (07.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/344,793 7 January 2002 (07.01.2002) US

(71) Applicant (for AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CY, CZ, DK, DM, DZ, EC, EE, ES, FI, FR, GB, GD, GE, GH, GM, GR, HR, HU, ID, IE, IL, IN, IS, IT, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MC, MD, MG, MK, MN, MW, MX, MZ, NL, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SZ, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW only): GENOA TECHNOLOGIES LTD. [IL/IL]; P.O. Box 12209, Herzliya 46733 (IL).

(71) Applicants and

(72) Inventors (for DE, JP, US only): ROTH, Shmuel [IL/IL]; Zelig Bas Street 7, 49550 Petach Tikva (IL). BEN-DAVID, Oded [IL/IL]; Berg Street 38, 75792 Rishon Lezion (IL). BEN-CHORIN, Moshe [IL/IL]; Ya'kov Street 34, 76262 Rehovot (IL).

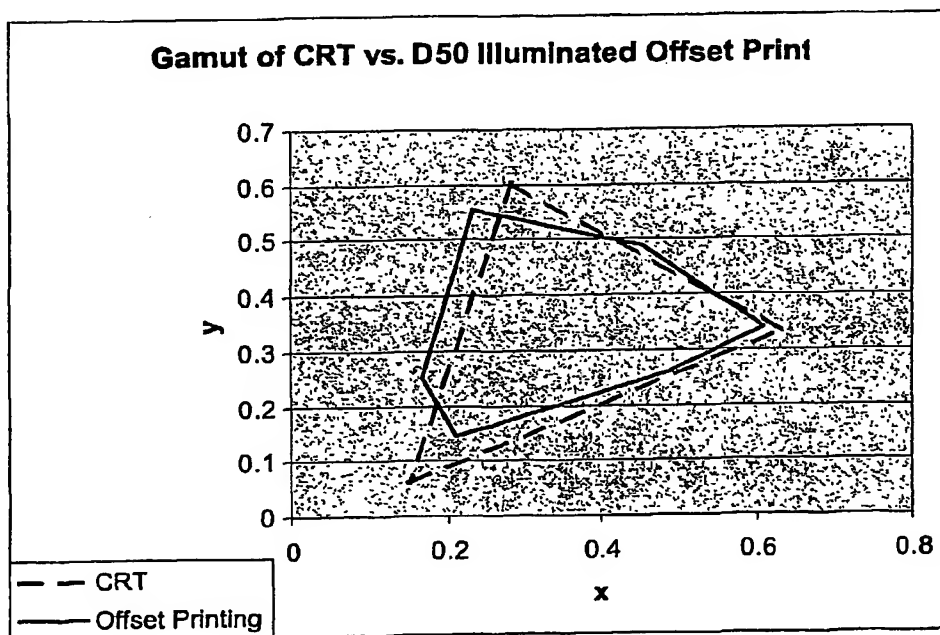
(74) Agents: EITAN, PEARL, LATZER & COHEN-ZEDEK et al.; 2 Gav Yam Center, Shenkar Street 7, 46725 Herzlia (IL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: ELECTRONIC COLOR DISPLAY FOR SOFT PROOFING



(57) Abstract: A display (36) for reproducing an image intended for printing on a substrate using a set of inks, the image having a perceived color gamut when print it on the substrate, the display (36) including a light source (38) generating a set of at least three primary color (RGB), and a controller (42) combining the set of at least three primary color to substantially reproduce the image, wherein the at least three primary color define a viewed color gamut which substantially covers the perceived color gamut.

BEST AVAILABLE COPY



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

(48) Date of publication of this corrected version:

19 August 2004

(15) Information about Correction:

see PCT Gazette No. 34/2004 of 19 August 2004, Section II

Published:

— with international search report

(88) Date of publication of the international search report:

18 March 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00020

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G03C 7/18, 5/40

US CL : 430/20, 30, 43, 370; 503/227; 315/134

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 430/20, 30, 43, 370; 503/227; 315/134

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
NONE**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,952,972 A (SOMEYA) 28 August 1990 (28.08.1990), see entire document.	1-16
Y	US 5,909,227 A (SILVERBROOK) 01 June 1999 (01.06.1999), see entire document.	1-16
Y	US 5,447,811 A (BUHR et al.) 05 September 1995 (05.09.1995), see entire document.	1-16



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

04 May 2003 (04.05.2003)

Date of mailing of the international search report

02 JUL 2003

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Jimmy Vu

Telephone No. 703-306-5451

Deborah P. Vega

Form PCT/ISA/210 (second sheet) (July 1998)

Paralegal Specialist
Technology Center 2800
(703) 308-3078